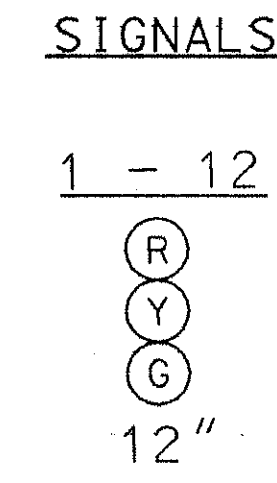
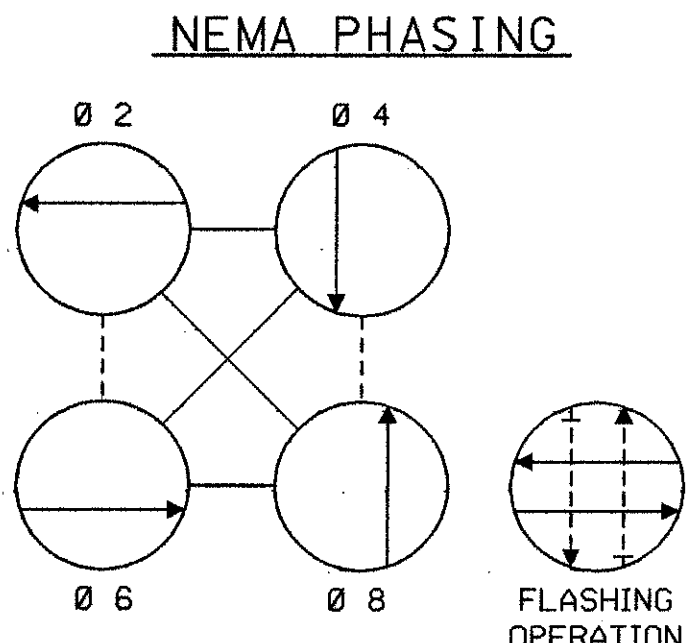
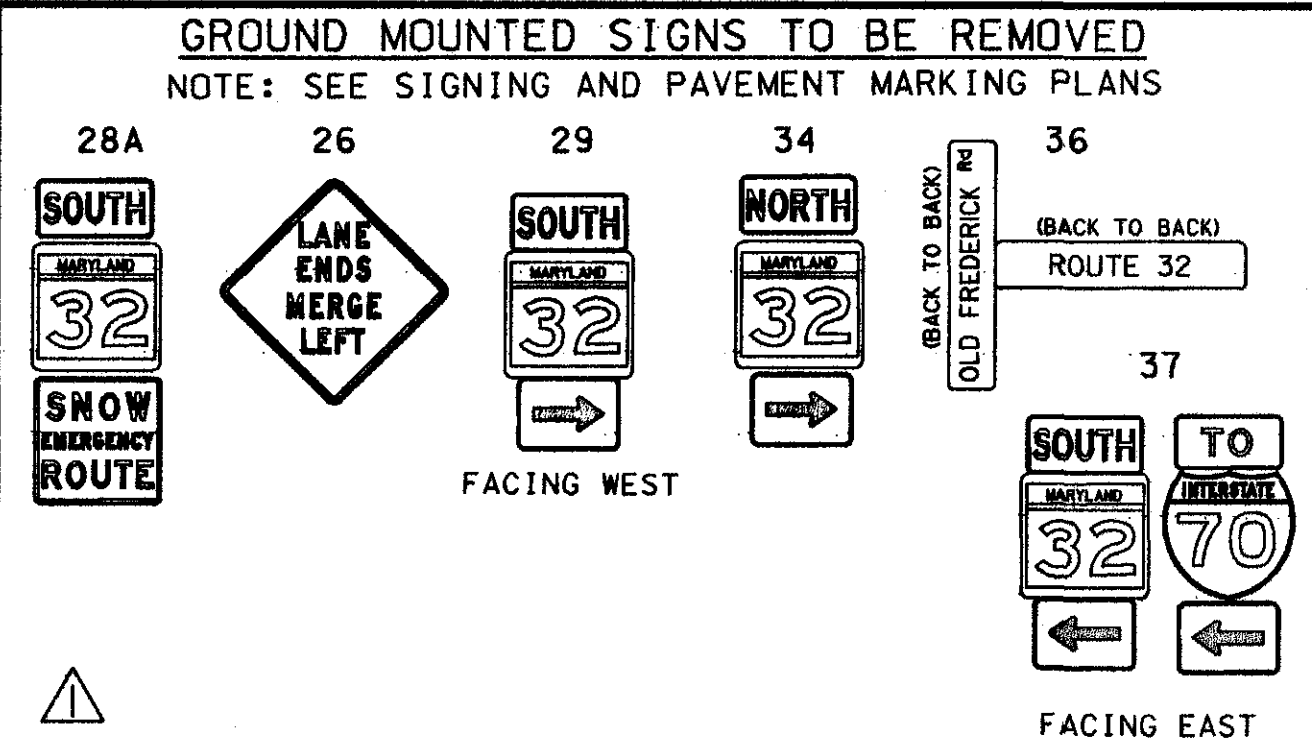
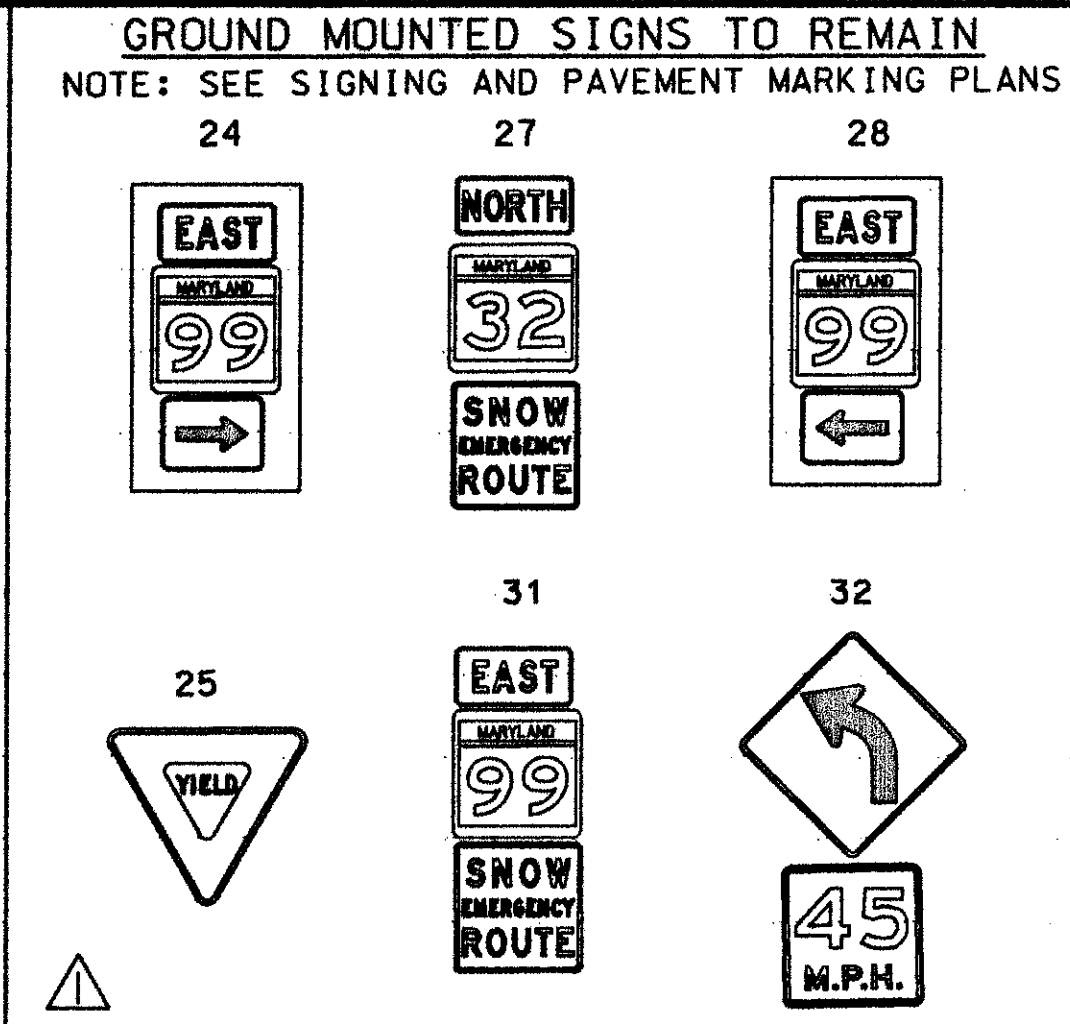
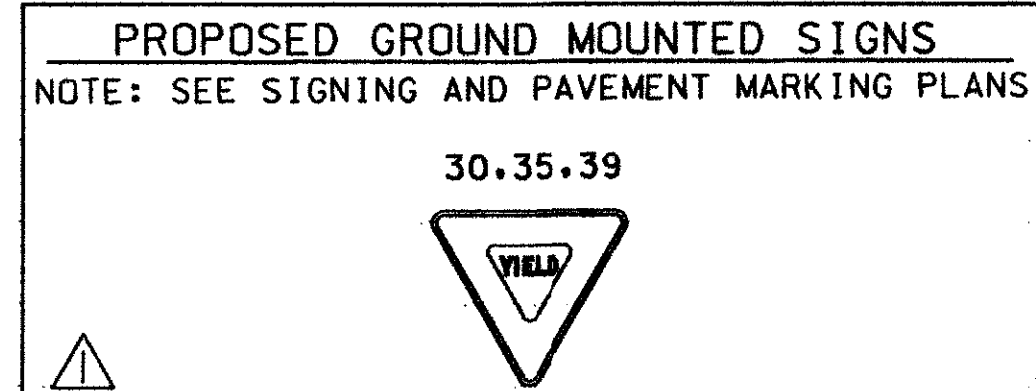
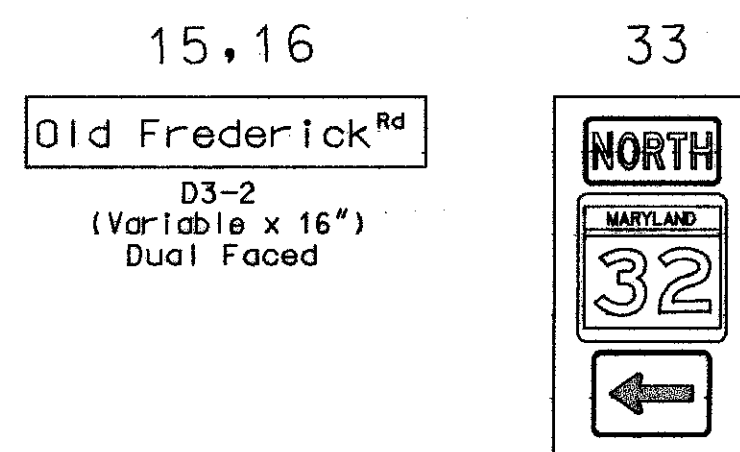


CONSTRUCTION DETAILS

- INSTALL ONE 27 FT. GALVANIZED STEEL MAST ARM POLE WITH 60 FT MAST ARM, SIGNAL HEADS, SIGNS, 20 FT. STEEL LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND).
- INSTALL ONE 12 IN. X 21 FT. GALVANIZED STEEL MAST ARM POLE WITH 50 FT MAST ARM, SIGNAL HEADS, AND SIGNS (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND).
- INSTALL HANDHOLE.
- INSTALL 1" GALVANIZED STEEL SLEEVE FOR DETECTOR LEAD-IN (ONE PER LOOP).
- INSTALL 2" SCHEDULE 80 PVC CONDUIT, TRENCHED.
- INSTALL 3" SCHEDULE 80 PVC CONDUIT, TRENCHED.
- INSTALL 4" SCHEDULE 80 PVC CONDUIT, SLOTTED PRIOR TO FINAL OVERLAY.
- INSTALL 6" X 30" QUADRUPOLE (3-6-3 TURNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING, PRIOR TO FINAL OVERLAY/SLURRY SEAL.
- INSTALL MICRO LOOP PROBE SET, PRIOR TO FINAL OVERLAY/SLURRY SEAL.
- EXTEND PROPOSED SLOTTED CONDUIT INTO EXISTING HANDHOLE.
- REMOVE EXISTING YELLOW-FACED SIGNAL HEADS AND INSTALL NEW BLACK-FACED SIGNAL HEADS ON EXISTING MAST ARM PER SHA STANDARDS. INSTALL NEW SIGNAL HEADS AT SAME LOCATION AS EXISTING SIGNAL HEADS, UNLESS OTHERWISE DIMENSIONED ON PLAN.
- REMOVE EXISTING SIGNAL POLE, MAST ARM, SIGNS, AND SIGNALS. REMOVE EXISTING FOUNDATION TO 12" BELOW EXISTING GRADE.
- REMOVE EXISTING HANDHOLE AND ABANDON EXISTING CONDUITS AND CABLES.
- INSTALL 24" WHITE LEAD FREE PREFORMED HEAT APPLIED REFLECTIVE THERMOPLASTIC STOP LINE.
- INSTALL PROPOSED MAST ARM MOUNTED SIGNS ON EXISTING MAST ARM, PER SHA STANDARDS.

EXISTING SIGNAL MOUNTED SIGNS TO REMAIN

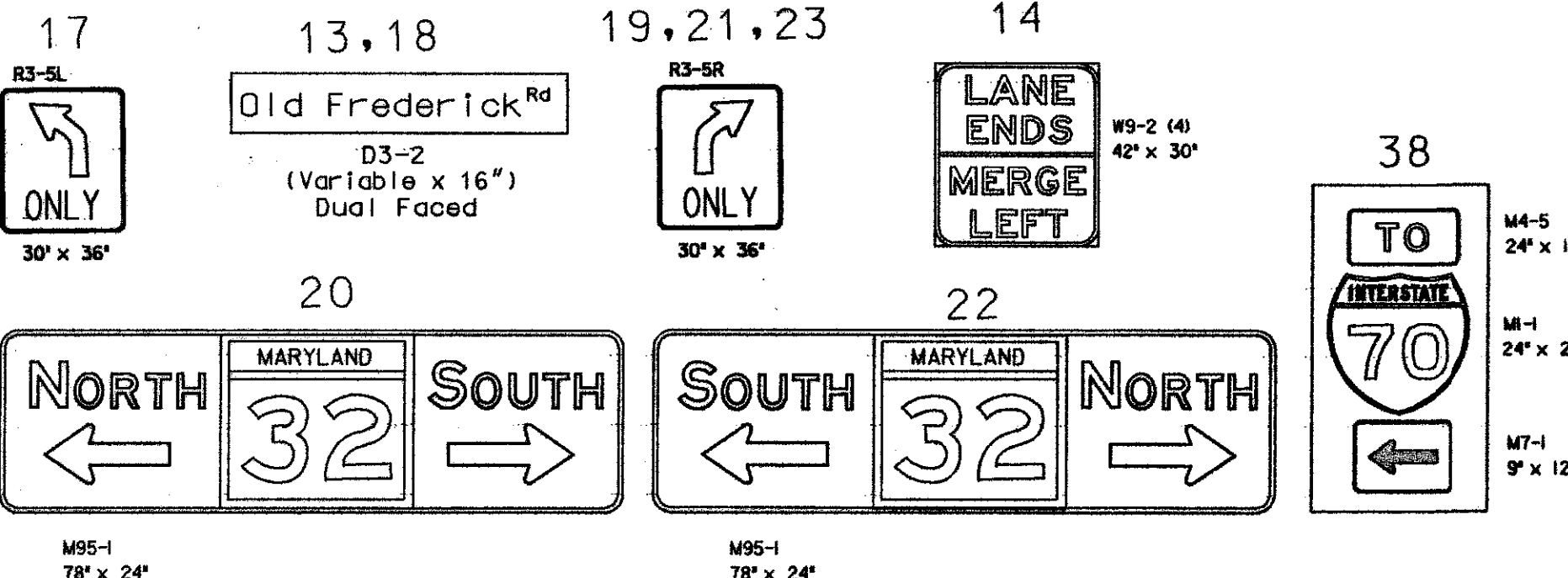


- PHASING NOTES:**
- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 - PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

SEE SHEET 28 OF 37 FOR REVISION CONSTRUCTION DETAILS AND NOTES

FOR INTERCONNECT PLAN
SEE SHEET 37 OF 37

PROPOSED SIGNAL MOUNTED SIGNS



- GENERAL NOTES:**
- Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards (See Pavement Marking Plans).
 - "D.O." indicates a delay-output loop detector.
 - The loop detectors and conduit are to be installed prior to the installation of the pavement markings.

REVISION NO. 1
MAY 17, 2002
ADDENDUM NO. 1
FEBRUARY 6, 2002

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REVISIONS	APPROVALS
(A) REBUILD WEST SIDE (H0849187) DUE TO MD 32 WIDENING - 2001	TEAM LEADER: TRAFFIC ENGINEERING DESIGN DIVISION
MJA CS MD 32	ASST. CHIEF: TRAFFIC ENGINEERING DESIGN DIVISION
1. REPAIR REVISIONS TO SIGN 1. INSTALL TEMP. SIGN DUE TO EXISTING ROADWAY RECONSTRUCTION	CHIEF: TRAFFIC ENGINEERING DESIGN DIVISION
MJA CS MD 32	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 32 AT MD 99
SOUTHBOUND LANE WIDENING

DRAWN BY: S.R. BARANDOWSKI (FOR STS) F.A.P. NO. _____
CHK. BY: R.R. ZACHERL (FOR STS) S.H.A. NO. _____
SCALE: 1"=20' COUNTY: HOWARD STANDARD SHEET NO.: _____ SHEET NO.: 27 OF 37